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26111 7590 10/20/2005

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01 FC:1501 1400.00 OP  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/816,903	04/05/2004	Derek Hing Sang Tam	1875.4220001	2630

TITLE OF INVENTION: METHODS AND SYSTEMS FOR FULLY DIFFERENTIAL FREQUENCY DOUBLING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	01/20/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
COX, CASSANDRA F	2816	327-122000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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2. For printing on the patent front page, list

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1 Sterne, Kessler,  
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 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Broadcom Corporation

Irvine, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

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5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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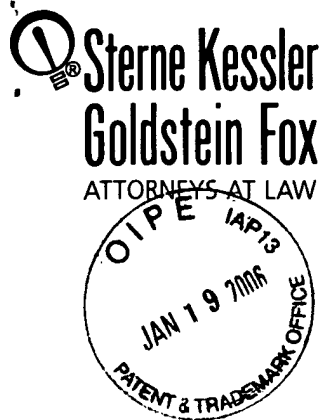
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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January 19, 2006

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**Art Unit 2816**

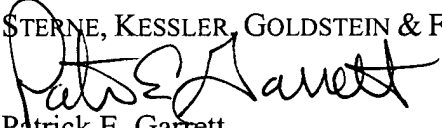
Re: U.S. Utility Patent Application  
Appl. No. 10/816,903; Filed: April 4, 2004  
For: **Methods and Systems for Fully Differential Frequency Doubling**  
Inventors: TAM *et al.*  
Our Ref: 1875.4220001

Sir:

Transmitted herewith for appropriate action is the following document:

1. Credit Card Payment Form (PTO-2038);
2. Issue Fee Transmittal Form (PTOL-85); and
3. One (1) return postcard

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Respectfully submitted,  
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